APPENDIX A

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SUMMARY· INNER | FIELD | CONSTR | METHOD   DETAIL· FIELD | CONSTR | METHOD

Class ws2_cache

```
java.lang.Object
   |
   +--ws2_cache
```

public final class **ws2_cache**
extends java.lang.Object

Method Summary	
static void	**atom_extrel**()
static boolean	**atom_extset**()
static void	**atomic_rel**()
static boolean	**atomic_set**()
static int	**cache_status**()
static java.lang.String	**cachedata**(java.lang.String key, int position)
static int	**checkcachedata**(java.lang.String key, int position)
static int	**checktablecachedata**(java.lang.String s, java.lang.String t, int u)
static int	**connect_lic**()
static void	**datatocache**(java.lang.String key, java.lang.String data)
java.lang.String	**date**()
static java.lang.String	**decrypt**(java.lang.String s, int k)
void	**destroy**()
static java.lang.String	**encrypt**(java.lang.String s, int k)
void	**freeConnection**(java.sql.Connection con)
java.sql.Connection	**getConnection**()
static ws2_cache	**getInstance**()

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

Class ws2_cache

```
java.lang.Object
  |
  +--ws2_cache
```

public final class **ws2_cache**
extends java.lang.Object

Method Summary

static void	<u>**atom extrel**</u>()
static boolean	<u>**atom extset**</u>()
static void	<u>**atomic rel**</u>()
static boolean	<u>**atomic set**</u>()
static int	<u>**cache status**</u>()
static java.lang.String	<u>**cachedata**</u>(java.lang.String key, int position)
static int	<u>**checkcachedata**</u>(java.lang.String key, int position)
static int	<u>**checktablecachedata**</u>(java.lang.String s, java.lang.String t, int u)
static int	<u>**connect lic**</u>()
static void	<u>**datatocache**</u>(java.lang.String key, java.lang.String data)
java.lang.String	<u>**date**</u>()

static java.lang.String	**decrypt**(java.lang.String s, int k)
void	**destroy**()
static java.lang.String	**encrypt**(java.lang.String s, int k)
void	**freeConnection**(java.sql.Connection con)
java.sql.Connection	**getConnection**()
static <u>ws2_cache</u>	**getInstance**()
static java.lang.String	**getlookup**(int x)
java.lang.String	**getpathinfo**()
void	**init**()
static void	**license**()
static void	**log**(java.lang.String spec)
void	**release**()
static void	**set_cache_disable**()
static void	**set_cache_enabled**()
static void	**setlookup**(java.lang.String y)
static void	**settablecachedata**(java.lang.String s, java.lang.String t, int u, java.lang.String a)
void	**stats**()
void	**statset**(int a1, int a2, int a3, int a4, int a5, int a6)
static java.lang.String	**tablecachedata**(java.lang.String s, java.lang.String t, int u)

int	**tag**()
static java.lang.String	**timecode**()

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

getInstance

```
public static ws2 cache getInstance()
```

tag

```
public int tag()
```

init

```
public void init()
```

destroy

```
public void destroy()
```

date

```
public java.lang.String date()
```

atomic_rel

```
public static void atomic_rel()
```

atomic_set

```
public static boolean atomic_set()
```

atom_extrel

```
public static void atom_extrel()
```

atom_extset

```
public static boolean atom_extset()
```

timecode

```
public static java.lang.String timecode()
```

encrypt

```
public static java.lang.String encrypt(java.lang.String s,
                                        int k)
```

decrypt

```
public static java.lang.String decrypt(java.lang.String s,
                                        int k)
```

getpathinfo

```
public java.lang.String getpathinfo()
```

stats

```
public void stats()
```

statset

```
public void statset(int a1,
                    int a2,
                    int a3,
```

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```
                        int a4,
                        int a5,
                        int a6)
```

log

```
public static void log(java.lang.String spec)
```

freeConnection

```
public void freeConnection(java.sql.Connection con)
```

getConnection

```
public java.sql.Connection getConnection()
```

release

```
public void release()
```

set_cache_enabled

```
public static void set_cache_enabled()
```

set_cache_disable

```
public static void set_cache_disable()
```

cache_status

```
public static int cache_status()
```

checkcachedata

```
public static int checkcachedata(java.lang.String key,
                        int position)
```

checktablecachedata

```
public static int checktablecachedata(java.lang.String s,
                                      java.lang.String t,
                                      int u)
```

tablecachedata

```
public static java.lang.String tablecachedata(java.lang.String s,
                                              java.lang.String t,
                                              int u)
```

settablecachedata

```
public static void settablecachedata(java.lang.String s,
                                     java.lang.String t,
                                     int u,
                                     java.lang.String a)
```

getlookup

```
public static java.lang.String getlookup(int x)
```

setlookup

```
public static void setlookup(java.lang.String y)
```

connect_lic

```
public static int connect_lic()
```

license

```
public static void license()
```

cachedata

```
public static java.lang.String cachedata(java.lang.String key,
                                         int position)
```

datatocache

```
public static void datatocache(java.lang.String key,
                              java.lang.String data)
```

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

PREV CLASS   <u>**NEXT CLASS**</u>

SUMMARY: INNER | FIELD | CONSTR | <u>METHOD</u>

<u>**FRAMES**</u>   <u>**NO FRAMES**</u>

DETAIL: FIELD | CONSTR | <u>METHOD</u>

Class **Tree** **Deprecated** **Index** **Help**

Class ws2_calculate_order

```
java.lang.Object
   |
   +--ws2_calculate_order
```

public class **ws2_calculate_order**
extends java.lang.Object

Constructor Summary

ws2_calculate_order()

Method Summary

void	**cleareverything**()
double	**curtotal**()
double	**fintotal**()
void	**init**()
void	**stage1**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
void	**stage2**(java.lang.String emailaddress, java.lang.String zipcodem, java.lang.String statem)
void	**stage3**()
int	**tag**()
double	**UPStotal**()

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_calculate_order

```
public ws2_calculate_order()
```

Method Detail

tag

```
public int tag()
```

init

```
public void init()
```

cleareverything

```
public void cleareverything()
```

stage1

```
public void stage1(javax.servlet.http.HttpServletRequest request,
                   javax.servlet.http.HttpServletResponse response)
```

stage2

```
public void stage2(java.lang.String emailaddress,
                   java.lang.String zipcodem,
                   java.lang.String statem)
```

stage3

```
public void stage3()
```

curtotal

```
public double curtotal()
```

fintotal

```
public double fintotal()
```

UPStotal

```
public double UPStotal()
```

Class Tree Deprecated Index Help

PREV CLASS NEXT CLASS   FRAMES   NO FRAMES
SUMMARY: INNER | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Class <u>**Tree**</u> <u>**Deprecated**</u> <u>**Index**</u> <u>**Help**</u>

Class ws2_ccard

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
         |
         +--javax.servlet.http.HttpServlet
               |
               +--ws2_ccard
```

public class **ws2_ccard**
extends javax.servlet.http.HttpServlet

See Also:
> <u>Serialized Form</u>

Constructor Summary

<u>**ws2 ccard**</u>()

Method Summary

void	<u>**ccard data**</u>(java.lang.String s, java.lang.String t)
void	<u>**init**</u>()
void	<u>**modeselect**</u>(java.lang.String s)
int	<u>**tag**</u>()
java.lang.String	<u>**validate**</u>()

Methods inherited from class javax.servlet.http.HttpServlet

doDelete, doGet, doOptions, doPost, doPut, doTrace, getLastModified, service, service

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Methods inherited from class javax.servlet.GenericServlet
destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_ccard

```
public ws2_ccard()
```

Method Detail

tag

```
public int tag()
```

init

```
public void init()
```

modeselect

```
public void modeselect(java.lang.String s)
```

validate

```
public java.lang.String validate()
```

ccard_data

```
public void ccard_data(java.lang.String s,
                       java.lang.String t)
```

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Class **Tree** **Deprecated** **Index** **Help**

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All Classes

ws2_cache
ws2_calculate_order
ws2_ccard
ws2_control_cart
ws2_control_comp
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ws2_control_connection
ws2_control_index
ws2_control_lic
ws2_control_order
ws2_control_po
ws2_control_shop
ws2_control_test
ws2_control_user
ws2_crdsrvint
ws2_globaltrack
ws2_htmlparse
ws2_io_r
ws2_io_w
ws2_ups

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

Class ws2_control_connection

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
          |
          +--javax.servlet.http.HttpServlet
                 |
                 +--ws2_control_connection
```

public class **ws2_control_connection**
extends javax.servlet.http.HttpServlet

See Also:
> <u>Serialized Form</u>

Constructor Summary

ws2_control_connection()

Method Summary

void	**doGet**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**doPost**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**init**()
void	**main_app_get**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
int	**tag**()

Methods inherited from class javax.servlet.http.HttpServlet
doDelete, doOptions, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet
destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_control_connection

public **ws2_control_connection**()

Method Detail

tag

public int **tag**()

---

init

public void **init**()

---

doGet

```
public void doGet(javax.servlet.http.HttpServletRequest request,
                  javax.servlet.http.HttpServletResponse res)
           throws java.io.IOException,
                  javax.servlet.ServletException
```

   Overrides:
        doGet in class javax.servlet.http.HttpServlet

---

doPost

public void **doPost**(javax.servlet.http.HttpServletRequest request,

```
                    javax.servlet.http.HttpServletResponse res)
          throws  java.io.IOException,
                  javax.servlet.ServletException
```

Overrides:

doPost in class javax.servlet.http.HttpServlet

---

main_app_get

```
public void main_app_get(javax.servlet.http.HttpServletRequest request,
                         javax.servlet.http.HttpServletResponse response)
```

Class **Tree** **Deprecated** **Index** **Help**

PREV CLASS   **NEXT CLASS**   **FRAMES**   **NO FRAMES**

SUMMARY: INNER | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Class **Tree** **Deprecated** **Index** **Help**

Class ws2_control_index

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
          |
          +--javax.servlet.http.HttpServlet
                 |
                 +--ws2_control_index
```

public class **ws2_control_index**
extends javax.servlet.http.HttpServlet

See Also:
> Serialized Form

Constructor Summary

ws2 control index()

Method Summary

void	**doGet**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**doPost**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**init**()
void	**main app**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
int	**tag**()

Methods inherited from class javax.servlet.http.HttpServlet
doDelete, doOptions, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet
destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_control_index

public **ws2_control_index**()

Method Detail

tag

public int **tag**()-

---

init

public void **init**()

---

doGet

```
public void doGet(javax.servlet.http.HttpServletRequest request,
                  javax.servlet.http.HttpServletResponse res)
           throws java.io.IOException,
                  javax.servlet.ServletException
```

> **Overrides:**
> doGet in class javax.servlet.http.HttpServlet

---

doPost

```
public void doPost(javax.servlet.http.HttpServletRequest request,
```

```
        javax servlet http HttpServletResponse res)
throws java.io IOException,
        javax servlet ServletException
```

Overrides:

doPost in class javax servlet http.HttpServlet

---

main_app

```
public void main_app(javax.servlet.http.HttpServletRequest request,
                     javax.servlet.http.HttpServletResponse response)
```

Class **Tree** **Deprecated** **Index** **Help**

Class **Tree** **Deprecated** **Index** **Help**

PREV CLASS   **NEXT CLASS**   **FRAMES**   **NO FRAMES**
SUMMARY: INNER | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Class ws2_control_order

```
java.lang.Object
   |
  +--javax.servlet.GenericServlet
         |
        +--javax.servlet.http.HttpServlet
             |
            +--ws2_control_order
```

public class **ws2_control_order**
extends javax.servlet.http.HttpServlet

See Also:
> Serialized Form

Constructor Summary

ws2_control_order()

Method Summary

void	**doGet**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**doPost**(javax.servlet.http,HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**init**()
void	**main_app_post**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
int	**tag**()

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Methods inherited from class javax.servlet.http.HttpServlet
doDelete, doOptions, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet
destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_control_order

```
public ws2_control_order()
```

Method Detail

tag

```
public int tag()
```

---

init

```
public void init()
```

---

doGet

```
public void doGet(javax.servlet.http.HttpServletRequest request,
                  javax.servlet.http.HttpServletResponse res)
        throws java.io.IOException,
               javax.servlet.ServletException
```

> **Overrides:**
> doGet in class javax.servlet.http.HttpServlet

---

doPost

```
public void doPost(javax.servlet.http.HttpServletRequest request,
```

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```
                        javax.servlet.http.HttpServletResponse res)
            throws java.io.IOException,
                   javax.servlet.ServletException
```

Overrides:
doPost in class javax.servlet.http.HttpServlet

---

main_app_post

```
public void main_app_post(javax.servlet.http.HttpServletRequest request,
                          javax.servlet.http.HttpServletResponse response)
```

Class **Tree** **Deprecated** **Index** **Help**

PREV CLASS **NEXT CLASS**   **FRAMES**   **NO FRAMES**
SUMMARY: INNER | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Class **Tree** **Deprecated** **Index** **Help**

Class ws2_control_po

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
          |
          +--javax.servlet.http.HttpServlet
                 |
                 +--ws2_control_po
```

public class **ws2_control_po**
extends javax.servlet.http.HttpServlet

See Also:
       Serialized Form

Constructor Summary

ws2_control_po()

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Method Summary

void	**doGet**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**doPost**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**init**()
void	**main_app_get**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
void	**main_app_post**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
int	**tag**()

Methods inherited from class javax.servlet.http.HttpServlet

doDelete, doOptions, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet

destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_control_po

public **ws2_control_po**()

Method Detail

tag

public int **tag**()

init

```
public void init()
```

doGet

```
public void doGet(javax.servlet.http.HttpServletRequest request,
                  javax.servlet.http.HttpServletResponse res)
          throws java.io.IOException,
                  javax.servlet.ServletException
```

Overrides:
doGet in class javax.servlet.http.HttpServlet

doPost

```
public void doPost(javax.servlet.http.HttpServletRequest request,
                   javax.servlet.http.HttpServletResponse res)
           throws java.io.IOException,
                   javax.servlet.ServletException
```

Overrides:
doPost in class javax.servlet.http.HttpServlet

main_app_get

```
public void main_app_get(javax.servlet.http.HttpServletRequest request,
                         javax.servlet.http.HttpServletResponse response)
```

main_app_post

```
public void main_app_post(javax.servlet.http.HttpServletRequest request,
                          javax.servlet.http.HttpServletResponse response)
```

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

Class ws2_control_shop

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
         |
         +--javax.servlet.http.HttpServlet
               |
               +--ws2_control_shop
```

public class **ws2_control_shop**
extends javax.servlet.http.HttpServlet

See Also:
>   <u>Serialized Form</u>

Constructor Summary

<u>**ws2_control_shop**</u>()

Method Summary

void	<u>**doGet**</u>(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	<u>**doPost**</u>(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	<u>**init**</u>()
void	<u>**main_app**</u>(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
int	<u>**tag**</u>()

Methods inherited from class javax.servlet.http.HttpServlet
doDelete, doOptions, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet
destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_control_shop

```
public ws2_control_shop()
```

Method Detail

tag

```
public int tag()
```

---

init

```
public void init()
```

---

doGet

```
public void doGet(javax.servlet.http.HttpServletRequest request,
                  javax.servlet.http.HttpServletResponse res)
          throws java.io.IOException,
                 javax.servlet.ServletException
```

> **Overrides:**
> doGet in class javax.servlet.http.HttpServlet

---

doPost

```
public void doPost(javax.servlet.http.HttpServletRequest request,
```

```
                    javax.servlet.http.HttpServletResponse res)
         throws java.io.IOException,
                    javax.servlet.ServletException
```

Overrides:
doPost in class javax.servlet.http.HttpServlet

---

main_app

```
public void main_app(javax.servlet.http.HttpServletRequest request,
                     javax.servlet.http.HttpServletResponse response)
```

Class **Tree** **Deprecated** **Index** **Help**

Class **Tree** **Deprecated** **Index** **Help**

Class ws2_control_test

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
          |
          +--javax.servlet.http.HttpServlet
                 |
                 +--ws2_control_test
```

public class **ws2_control_test**
extends javax.servlet.http.HttpServlet

See Also:
> Serialized Form

Constructor Summary

ws2_control_test()

Method Summary

void	**doGet**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**doPost**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**init**()
void	**main_app**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
int	**tag**()

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Methods inherited from class javax.servlet.http.HttpServlet
doDelete, doOptions, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet
destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_control_test

public **ws2_control_test**()

Method Detail

tag

public int **tag**()

---

init

public void **init**()

---

doGet

```
public void doGet(javax.servlet.http.HttpServletRequest request,
                  javax.servlet.http.HttpServletResponse res)
          throws java.io.IOException,
                  javax.servlet.ServletException
```

Overrides:
      doGet in class javax.servlet.http.HttpServlet

---

doPost

```
public void doPost(javax.servlet.http.HttpServletRequest request,
```

```
                    javax.servlet.http.HttpServletResponse res)
        throws java.io.IOException,
               javax.servlet.ServletException
```

Overrides:
doPost in class javax.servlet.http.HttpServlet

---

main_app

```
public void main_app(javax.servlet.http.HttpServletRequest request,
                     javax.servlet.http.HttpServletResponse response)
```

Class **Tree** **Deprecated** **Index** **Help**

PREV CLASS **NEXT CLASS**   **FRAMES** **NO FRAMES**

SUMMARY: INNER | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

<u>PREV CLASS</u> <u>NEXT CLASS</u>   <u>FRAMES</u> <u>NO FRAMES</u>
SUMMARY: INNER | FIELD | <u>CONSTR</u> | <u>METHOD</u>   DETAIL: FIELD | <u>CONSTR</u> | <u>METHOD</u>

Class ws2_control_user

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
          |
          +--javax.servlet.http.HttpServlet
                 |
                 +--ws2_control_user
```

public class **ws2_control_user**
extends javax.servlet.http.HttpServlet

See Also:
> <u>Serialized Form</u>

Constructor Summary

<u>**ws2 control user**</u>()

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Method Summary

void	**doGet**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**doPost**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse res)
void	**init**()
void	**main_app_get**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
void	**main_app_post**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
int	**tag**()

Methods inherited from class javax.servlet.http.HttpServlet

doDelete, doOptions, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet

destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_control_user

public **ws2_control_user**()

Method Detail

tag

public int **tag**()

init

```
public void init()
```

doGet

```
public void doGet(javax.servlet.http.HttpServletRequest request,
             javax.servlet.http.HttpServletResponse res)
       throws java.io.IOException,
             javax.servlet.ServletException
```

Overrides:
doGet in class javax.servlet.http.HttpServlet

doPost

```
public void doPost(javax.servlet.http.HttpServletRequest request,
             javax.servlet.http.HttpServletResponse res)
       throws java.io.IOException,
             javax.servlet.ServletException
```

Overrides:
doPost in class javax.servlet.http.HttpServlet

main_app_get

```
public void main_app_get(javax.servlet.http.HttpServletRequest request,
                   javax.servlet.http.HttpServletResponse response)
```

main_app_post

```
public void main_app_post(javax.servlet.http.HttpServletRequest request,
                   javax.servlet.http.HttpServletResponse response)
```

Class **Tree** **Deprecated** **Index** **Help**
PREV CLASS **NEXT CLASS**　　　　　　　　**FRAMES** **NO FRAMES**
SUMMARY:　INNER | FIELD | CONSTR | METHOD　　　　DETAIL:　FIELD | CONSTR | METHOD

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Desktop%20Folder/Henry/uml/

Class Tree Deprecated Index Help

Class ws2_crdsrvint

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
         |
         +--javax.servlet.http.HttpServlet
               |
               +--ws2_crdsrvint
```

public class **ws2_crdsrvint**
extends javax.servlet.http.HttpServlet

See Also:
Serialized Form

Constructor Summary

ws2_crdsrvint()

Method Summary

void	init()
int	tag()

Methods inherited from class javax.servlet.http.HttpServlet
doDelete, doGet, doOptions, doPost, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet
destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

---

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wai
wait

Constructor Detail

ws2_crdsrvint

public ws2_crdsrvint()

Method Detail

tag

public int tag()

---

init

public void init()

Class Tree Deprecated Index Help

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

<u>PREV CLASS</u>   <u>NEXT CLASS</u>   <u>FRAMES</u>   <u>NO FRAMES</u>

SUMMARY: INNER | FIELD | <u>CONSTR</u> | <u>METHOD</u>   DETAIL   FIELD | <u>CONSTR</u> | <u>METHOD</u>

Class ws2_globaltrack

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
          |
          +--javax.servlet.http.HttpServlet
                 |
                 +--ws2_globaltrack
```

public class **ws2_globaltrack**
extends javax.servlet.http.HttpServlet

See Also:

     <u>Serialized Form</u>

Constructor Summary

<u>**ws2_globaltrack**</u>()

Method Summary

void	<u>**init**</u>()
int	<u>**tag**</u>()
void	<u>**track_add**</u>(java.lang.String variablestring, java.lang.String putstring)
java.lang.String	<u>**track_dump**</u>(int i)
java.lang.String	<u>**track_dump**</u>(int i, java.lang.String customtag)
java.lang.String	<u>**track_id**</u>()

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void	**track lock**(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response)
java.lang.String	**track read**(java.lang.String variablestring)
java.lang.String	**track read**(java.lang.String variablestring, java.lang.String customtag)
void	**track rewrite**(java.lang.String variablestring, java.lang.String putstring)
void	**track rewrite**(java.lang.String variablestring, java.lang.String putstring, java.lang.String customtag)
void	**track unlock**()
void	**track write**(java.lang.String variablestring, java.lang.String putstring)
void	**track write**(java.lang.String variablestring, java.lang.String putstring, java.lang.String customtag)
java.lang.String	**validate**()
void	**validate**(java.lang.String uid)
int	**validate**(java.lang.String login, java.lang.String password)

Methods inherited from class javax.servlet.http.HttpServlet

doDelete, doGet, doOptions, doPost, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet

destroy, getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_globaltrack

```
public ws2_globaltrack()
```

Method Detail

tag

```
public int tag()
```

---

init

```
public void init()
```

---

track_lock

```
public void track_lock(javax.servlet.http.HttpServletRequest request,
                       javax.servlet.http.HttpServletResponse response)
```

---

track_read

```
public java.lang.String track_read(java.lang.String variablestring)
```

---

track_read

```
public java.lang.String track_read(java.lang.String variablestring,
                       java.lang.String customtag)
```

---

track_write

```
public void track_write(java.lang.String variablestring,
                        java.lang.String putstring)
```

---

track_write

```
public void track_write(java.lang.String variablestring,
                        java.lang.String putstring,
```

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```
java.lang.String customtag)
```

track_add

```
public void track_add(java.lang.String variablestring,
                      java.lang.String putstring)
```

track_rewrite

```
public void track_rewrite(java.lang.String variablestring,
                          java.lang.String putstring)
```

track_rewrite

```
public void track_rewrite(java.lang.String variablestring,
                          java.lang.String putstring,
                          java.lang.String customtag)
```

track_id

```
public java.lang.String track_id()
```

validate

```
public int validate(java.lang.String login,
                    java.lang.String password)
```

validate

```
public java.lang.String validate()
```

validate

```
public void validate(java.lang.String uid)
```

track_unlock

```
public void track_unlock()
```

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track_dump

```
public java.lang.String track_dump(int 1)
```

track_dump

```
public java.lang.String track_dump(int i,
                                    java.lang.String customtag)
```

Class **Tree** **Deprecated** **Index** **Help**

PREV CLASS   NEXT CLASS   FRAMES   NO FRAMES
SUMMARY: INNER | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

<u>PREV CLASS</u>   <u>NEXT CLASS</u>   <u>FRAMES</u>   <u>NO FRAMES</u>
SUMMARY: INNER | <u>FIELD</u> | <u>CONSTR</u> | <u>METHOD</u>   DETAIL   <u>FIELD</u> | <u>CONSTR</u> | <u>METHOD</u>

Class ws2_htmlparse

```
java.lang.Object
   |
   +--ws2_htmlparse
```

public class **ws2_htmlparse**
extends java.lang.Object

Field Summary

static int	**CARDTYPE AMEX**
static int	**CARDTYPE DISCOVER**
static int	**CARDTYPE FAKE**
static int	**CARDTYPE MC**
static int	**CARDTYPE UNKNOWN**
static int	**CARDTYPE VISA**
java.util.Vector	**Raptor**

Constructor Summary

ws2 htmlparse()

Method Summary

java.lang.String	**addtodate**(java.util.Date toDay, java.lang.String value)

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int	**daysbetween**(java.util.Date d1, java.util.Date d2)
int	**giverandom**(int maxrand)
void	**init**()
java.lang.String	**leftstrip**(char chartostrip, java.lang.String original)
java.lang.String	**leftstrip**(int chartostrip, java.lang.String original)
java.lang.String	**removeAllCharsButNumbers**(java.lang.String CardNumber)
java.lang.String	**rightstrip**(java.lang.String original, char chartostrip)
java.lang.String	**rightstrip**(java.lang.String original, int chartostrip)
double	**round**(double r, int decimalPlace)
java.lang.String	**searchandreplace**()
void	**searchandreplace**(java.lang.String filename)
void	**searchandreplace**(java.lang.String searchpattern, java.lang.String replacement)
void	**searchandreplacestring**(java.lang.String st)
void	**smtpengine**()
void	**smtpengine**(java.lang.String mailbody)
void	**smtpengine**(java.lang.String sender, java.lang.String recipient)
void	**smtpengine**(java.lang.String method, java.lang.String getRequestURI, java.lang.String getProtocol, java.lang.String getPathInfo, java.lang.String getRemoteAddr, java.lang.String track_id)
int	**tag**()
int	**testValidity**(java.lang.String CardNumber, int iCardType)

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int	**tokenizer**(java.lang.String s)
java.lang.String	**tokenizer**(java.lang.String s, int x)
java.lang.String	**tokenizer**(java.lang.String s, int x, java.lang.String sep)
int	**tokenizer**(java.lang.String s, java.lang.String sep)
void	**uniquelist**()
java.lang.String	**uniquelist**(int position)
void	**uniquelist**(java.lang.String s)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

CARDTYPE_VISA

public static final int **CARDTYPE_VISA**

CARDTYPE_MC

public static final int **CARDTYPE_MC**

CARDTYPE_AMEX

public static final int **CARDTYPE_AMEX**

CARDTYPE_DISCOVER

public static final int **CARDTYPE_DISCOVER**

CARDTYPE_UNKNOWN

public static final int **CARDTYPE_UNKNOWN**

CARDTYPE_FAKE

public static final int **CARDTYPE_FAKE**

Raptor

public java.util.Vector **Raptor**

Constructor Detail

ws2_htmlparse

public **ws2_htmlparse**()

Method Detail

tag

public int **tag**()

---

init

public void **init**()

---

addtodate

public java.lang.String **addtodate**(java.util.Date toDay,
                                      java.lang.String value)

---

daysbetween

public int **daysbetween**(java.util.Date d1,
                           java.util.Date d2)

---

uniquelist

```
public java.lang.String uniquelist(int position)
```

uniquelist

```
public void uniquelist(java.lang.String s)
```

uniquelist

```
public void uniquelist()
```

leftstrip

```
public java.lang.String leftstrip(int chartostrip,
                                  java.lang.String original)
```

rightstrip

```
public java.lang.String rightstrip(java.lang.String original,
                                   char chartostrip)
```

leftstrip

```
public java.lang.String leftstrip(char chartostrip,
                                  java.lang.String original)
```

rightstrip

```
public java.lang.String rightstrip(java.lang.String original,
                                   int chartostrip)
```

tokenizer

```
public java.lang.String tokenizer(java.lang.String s,
                                  int x)
```

tokenizer

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```
public int tokenizer(java.lang.String s)
```

tokenizer

```
public java.lang.String tokenizer(java.lang.String s,
                                   int x,
                                   java.lang.String sep)
```

tokenizer

```
public int tokenizer(java.lang.String s,
                     java.lang.String sep)
```

smtpengine

```
public void smtpengine(java.lang.String sender,
                       java.lang.String recipient)
```

smtpengine

```
public void smtpengine(java.lang.String mailbody)
```

smtpengine

```
public void smtpengine(java.lang.String method,
                       java.lang.String getRequestURI,
                       java.lang.String getProtocol,
                       java.lang.String getPathInfo,
                       java.lang.String getRemoteAddr,
                       java.lang.String track_id)
```

smtpengine

```
public void smtpengine()
```

searchandreplace

```
public void searchandreplace(java.lang.String filename)
```

searchandreplacestring

```
public void searchandreplacestring(java.lang.String st)
```

searchandreplace

```
public void searchandreplace(java.lang.String searchpattern,
                             java.lang.String replacement)
```

searchandreplace

```
public java.lang.String searchandreplace()
```

round

```
public double round(double r,
                    int decimalPlace)
```

giverandom

```
public int giverandom(int maxrand)
```

testValidity

```
public int testValidity(java.lang.String CardNumber,
                        int iCardType)
```

removeAllCharsButNumbers

```
public java.lang.String removeAllCharsButNumbers(java.lang.String CardNumber)
```

Class **Tree** **Deprecated** **Index** **Help**

PREV CLASS　**NEXT CLASS**　　　　　　　　　　**FRAMES**　**NO FRAMES**
SUMMARY: INNER | FIELD | CONSTR | METHOD　　　　DETAIL: FIELD | CONSTR | METHOD

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Desktop%20Folder/Henry/uml/

Class ws2_io_r

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
         |
         +--javax.servlet.http.HttpServlet
               |
               +--ws2_io_r
```

public class **ws2_io_r**
extends javax.servlet.http.HttpServlet

See Also:
> <u>Serialized Form</u>

Constructor Summary

<u>ws2 io r</u>()

Method Summary

void	<u>**atom rel**</u>(int idtag)
boolean	<u>**atom set**</u>(int idtag)
java.lang.String	<u>**date**</u>()
java.lang.String	<u>**decrypt**</u>(java.lang.String s, int k)
void	<u>**destroy**</u>()
java.lang.String	<u>**encrypt**</u>(java.lang.String s, int k)
java.lang.String	<u>**findtable**</u>(java.lang.String searchstring)

java.lang.String	**findtable**(java.lang.String getstring, java.lang.String searchstring, int addr)
java.sql.Connection	**gethook conn**()
java.lang.String	**getpath**()
void	**httpipe**(java.io.PrintWriter out, java.lang.String filename)
void	**init**()
void	**log**(java.lang.String s)
void	**modeselect**(java.lang.String s)
java.lang.String	**read interface**(java.lang.String variablestring, java.lang.String searchstring)
java.lang.String	**read interface**(java.lang.String getstring, java.lang.String searchstring, int position)
java.lang.String	**read interface**(java.lang.String getstring, java.lang.String searchstring, int position, java.sql.Connection connect)
void	**sethook conn**(java.sql.Connection con)
void	**stats**()
int	**tag**()
java.lang.String	**timecode**()
java.lang.String	**unique interface**(java.lang.String getstring, java.lang.String searchstring, int position)

Methods inherited from class javax.servlet.http.HttpServlet

doDelete, doGet, doOptions, doPost, doPut, doTrace, getLastModified, service, service

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Methods inherited from class javax.servlet.GenericServlet
getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_io_r

public **ws2_io_r**()

Method Detail

tag

public int **tag**()

---

init

public void **init**()
       throws javax.servlet.ServletException

---

destroy

public void **destroy**()

> **Overrides:**
> destroy in class javax.servlet.GenericServlet

---

modeselect

public void **modeselect**(java.lang.String s)

---

date

public java.lang.String **date**()

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log

```
public void log(java.lang.String s)
```

Overrides:
log in class javax.servlet.GenericServlet

getpath

```
public java.lang.String getpath()
```

stats

```
public void stats()
```

timecode

```
public java.lang.String timecode()
```

encrypt

```
public java.lang.String encrypt(java.lang.String s,
                                int k)
```

decrypt

```
public java.lang.String decrypt(java.lang.String s,
                                int k)
```

atom_rel

```
public void atom_rel(int idtag)
```

atom_set

```
public boolean atom_set(int idtag)
```

findtable

```
public java.lang.String findtable(java.lang.String getstring,
                                  java.lang.String searchstring,
                                  int addr)
```

findtable

```
public java.lang.String findtable(java.lang.String searchstring)
```

read_interface

```
public java.lang.String read_interface(java.lang.String variablestring,
                                       java.lang.String searchstring)
```

read_interface

```
public java.lang.String read_interface(java.lang.String getstring,
                                       java.lang.String searchstring,
                                       int position)
```

unique_interface

```
public java.lang.String unique_interface(java.lang.String getstring,
                                         java.lang.String searchstring,
                                         int position)
```

read_interface

```
public java.lang.String read_interface(java.lang.String getstring,
                                       java.lang.String searchstring,
                                       int position,
                                       java.sql.Connection connect)
```

httpipe

```
public void httpipe(java.io.PrintWriter out,
                    java.lang.String filename)
```

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gethook_conn

```
public java.sql.Connection gethook_conn()
```

sethook_conn

```
public void sethook_conn(java.sql.Connection con)
```

Class Tree Deprecated Index Help

PREV CLASS   NEXT CLASS   FRAMES   NO FRAMES

SUMMARY: INNER | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Class **Tree** **Deprecated** **Index** **Help**

Class ws2_io_w

```
java.lang.Object
   |
   +--javax.servlet.GenericServlet
          |
          +--javax.servlet.http.HttpServlet
                 |
                 +--ws2_io_w
```

public class **ws2_io_w**
extends javax.servlet.http.HttpServlet

See Also:
> Serialized Form

Constructor Summary

ws2_io_w()

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Method Summary

void	**delete interface**(java.lang.String getstring, java.lang.String searchstring, java.lang.String deletestring)
void	**destroy**()
void	**init**()
void	**modeselect**(java.lang.String s)
void	**odbc connect**()
int	**tag**()
void	**write interface**()
void	**write interface**(int pos, java.sql.Date data)
void	**write interface**(int pos, int data)
void	**write interface**(int pos, java.lang.String data)
void	**write interface**(java.lang.String querytosend)
java.lang.String	**write interface**(java.lang.String variablename, java.lang.String nullstring)
void	**write interface**(java.lang.String putstring, java.lang.String getstring, java.lang.String searchstring, int position, int newrec)

Methods inherited from class javax.servlet.http.HttpServlet

doDelete, doGet, doOptions, doPost, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet

getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo, init, log

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_io_w

public **ws2_io_w**()

Method Detail

tag

public int **tag**()

---

init

public void **init**()
        throws javax.servlet.ServletException

---

destroy

public void **destroy**()

> **Overrides:**
> destroy in class javax.servlet.GenericServlet

---

modeselect

public void **modeselect**(java.lang.String s)

---

odbc_connect

public void **odbc_connect**()

---

delete_interface

```
public void delete_interface(java.lang.String getstring,
                             java.lang.String searchstring,
                             java.lang.String deletestring)
```

write_interface

```
public void write_interface(java.lang.String putstring,
                            java.lang.String getstring,
                            java.lang.String searchstring,
                            int position,
                            int newrec)
```

write_interface

```
public java.lang.String write_interface(java.lang.String variablename,
                                         java.lang.String nullstring)
```

write_interface

```
public void write_interface(java.lang.String querytosend)
```

write_interface

```
public void write_interface(int pos,
                            java.lang.String data)
```

write_interface

```
public void write_interface(int pos,
                            int data)
```

write_interface

```
public void write_interface(int pos,
                            java.sql.Date data)
```

write_interface

```
public void write_interface()
```

Class **Tree** **Deprecated** **Index** **Help**

Class <u>Tree</u> <u>Deprecated</u> <u>Index</u> <u>Help</u>

Class ws2_ups

```
java.lang.Object
  |
  +--javax.servlet.GenericServlet
        |
        +--javax.servlet.http.HttpServlet
              |
              +--ws2_ups
```

public class **ws2_ups**
extends javax.servlet.http.HttpServlet

See Also:
> <u>Serialized Form</u>

Constructor Summary

<u>**ws2_ups**</u>()

Method Summary

void	**clear_all**()
void	**clear_total**()
int	**failure**()
java.lang.String	**get_pkg_weight**()
java.lang.String	**get_product_code**()
java.lang.String	**get_ship_to_code**()
double	**get_total**()
void	**init**()
void	**set_pkg_weight**(java.lang.String s)
void	**set_product_code**(java.lang.String s)
void	**set_ship_to_code**(java.lang.String s)
java.lang.String	**shipping**()
int	**tag**()
java.lang.String	**ups_raw_connect**()

Methods inherited from class javax.servlet.http.HttpServlet

doDelete, doGet, doOptions, doPost, doPut, doTrace, getLastModified, service, service

Methods inherited from class javax.servlet.GenericServlet

destroy, getInitParameter, getInitParameterNames, getServletConfig,
getServletContext, getServletInfo, init, log

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Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

ws2_ups

public **ws2_ups**()

Method Detail

tag

public int **tag**()

init

public void **init**()

shipping

public java.lang.String **shipping**()

get_total

public double **get_total**()

failure

public int **failure**()

set_product_code

public void **set_product_code**(java.lang.String s)

set_ship_to_code

```
public void set_ship_to_code(java.lang.String s)
```

set_pkg_weight

```
public void set_pkg_weight(java.lang.String s)
```

get_product_code

```
public java.lang.String get_product_code()
```

get_ship_to_code

```
public java.lang.String get_ship_to_code()
```

get_pkg_weight

```
public java.lang.String get_pkg_weight()
```

clear_total

```
public void clear_total()
```

clear_all

```
public void clear_all()
```

ups_raw_connect

```
public java.lang.String ups_raw_connect()
```

UML Standard Module Template [ws2] [file: uml.1000.html]
Module Name : ws2_ups

Module Code	1000
Test Flag	No
Type	Plug in
Description	UPS Internet Gateway Shipping Calculator. Generates a shipping total from a given weight and has functions to parse the UPS DataStream API.

Usage Code	After importing all the java.xxx libraries :
	then insert :
	import ws2_ups;
	After public class newclass extends xyz {
	public newclass() { init(); }
	then insert :
	ws2_ups UPS = new ws2_ups();
	Finally call it as : UPS.functionname(); in the main program.

Usage Setup	[1] Set all required data. Call functions : set_* and clear_total [2] Call ups_raw_connect [3] Call get_total to return as a double or shipping to return as a formatted string.
Error codes	1000.0212 - url not HTTP in UPS URLconnection 1000.0214 - DataStream API error 1000.0216 - UPS connect response error
Public Functions	int tag() - returns the module code String ups_raw_connect() - returns a raw UPS string back String shipping() - returns a numerically formatted total back double* get_total() - returns the total UPS charge for multiple packages set_product_code(String s) - sets the product code (GND/2DA etc) set_ship_to_code(String s) - sets the postal code as the ship to code (destination) set_pkg_weight(String s) - sets the package weight in pounds String get_product_code() - gets the current product code String get_ship_to_code() - gets the current ship to code String get_pkg_weight() - gets the current package weight clear_total() - clears the current total

Global variables	String prodcode = new String();
	String shipcode = new String();
	String pkgwt = new String();
	String UPSString = new String();
	double total=0;
	int fail=0;
	double curcharge=0;

Version Changes	Frozen : 11/2/99
Notes	* = cannot rely on it to be a double. always (double) the return. May be double in the future.

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UML Standard Module Template [ws2] [file: uml.1001.html]
Module Name : ws2_Ccard

Module Code	1001
Test Flag	No
Type	Plug in
Description	Service International Card Authorisation - RFU
Usage Code	After importing all the java.xxx libraries : then insert : import javaxservlet.*; adds the standard java servlet codes import javax.servlet.http.*; add control over the http stream After public class newclass extends xyz { public newclass() { init(); } then insert : Finally call it as : ws2_crdsrvint.functioname(); in the main program.
Usage Setup	RFU
Error Codes	RFU
Public Functions	ws2_crdsrvint() - how the program is called from other programs int tag() - returns the module code init() - starts the code
Global Variables	none
Version Changes	none
Notes	none

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UML Standard Module Template [ws2] [file: uml.1003.html]
Module Name : ws2_ccard

Module Code	1003
Test Flag	No
Type	Test
Description	Credit Card I/O with mode selection
Usage Code	After importing all the java.xxx libraries : then insert : import javaxservlet.*; adds the standard java servlet codes import javax.servlet.http.*; add control over the http stream After public class newclass extends xyz { public newclass() { init(); } then insert : ws2_ccard CCARD = new ws2_ccard() Finally call it as : ws2_ccard.functioname(); in the main program.
Usage Setup	[1] Set all required data.
Error Codes	1003.0100 Authentication problems
Public Functions	ws2_ccard() - how the program is called from other programs int tag() - returns the module code init() - starts the code modeselect() - 3 test modes, and a validation with Card Services International validate() - credit card pass validation, or rejection ccard_data() - String s (modeselect()) is passed as the parameter
Global Variables	ccardnum - card number ccardexpflg - expiration date ccardadd - issuing bank name ccardeof - extra credit card data
Version Changes	Frozen 12/1/1999
Notes	Only to be used in testing or demonstrations

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UML Standard Module Template [ws2] [file: uml.1004.html]
Module Name : ws2_control_shop

Module Code	1004
Test Flag	No
Type	Plug in
Description	Shopping control. Search and give results.
Usage Code	
Usage Setup	Use HTTP GET and POST to pass the variables: [1] categoryid [2] categoryname [3] componentname [4] componentid [5] displaycount [6] pagecount [7] vendorname [8] vendorid
Error Codes	1004.0214 : GET error 1004.0216 : POST error 1004.0212 : GET/POST error
Public Functions	ws2_control_shop() - how the program is called from other programs int tag() - returns the module code init() - starts the code doGet(HttpServletRequest request, HttpServletResponse res) - Get data from the user using standard http get protocal doPost(HttpServletRequest request, HttpServletResponse res) - Post data to the user using standard http post protocal main_app(HttpServletRequest request, HttpServletResponse response) - fuction call by doGet and doPost which handles the get/post request
Global Variables	None
Version Changes	Preliminary Freeze declared awaiting design teams HTML. 11/8/99
Notes	Called from an HTML file, expecting GET/POST data.

UML Standard Module Template [ws2] [file: uml.1006.html]
Module Name : ws2_io_w

Module Code	1006
Test Flag	No
Type	Plug in
Description	File and Database I/O write with mode access

Usage Code	After importing all the java.xxx libraries :
	 then insert :
	
	 import javaxservlet.*; adds the standard java servlet codes
	 import javax.servlet.http.*; add control over the http stream
	
	 After public class newclass extends xyz {
	 public newclass() { init(); }
	 then insert :
	
	 private ws2_io_w OI = new ws2_io_w();
	 private ws2_cache cache;
	
	 Finally call it as : OI.fuctionname(); in the main program.

Usage Setup	OI.write_interface
Error Codes	1006:xxxx - closing dataconnection (e - no error code number) 1002.0214 - Primary Connection failure (e - wrong program module number) 1002.0218 - Deletion failure (e - wrong program module number) 1002.0216 - Secondary Connection Failure (e - wrong program module number) 1002.0216 - Secondary Connection Failure 0 (e - wrong program module number) 1002.0216 - Secondary Connection Failure 1 (e - wrong program module number) 1002.0216 - Secondary Connection Failure X (e - wrong program module number) 1002.0216 - Secondary Connection Failure X (e - wrong program module number) 1002.0216 - Secondary Connection Failure X (e - wrong program module number) 1002.0216 - Secondary Connection Failure 2 (e - wrong program module number)
Public Functions	ws2_io_w() - how the program is called from other programs int tag() - returns the module code init() - starts the code destroy() - modeselect() - odbc_connect() - delete_interface() - write_interface() -
Global Variables	int select=0;
Version Changes	Frozen 12/2/99
Notes	All 1002s needs to be replaced with 1006s

UML Standard Module Template [ws2] [file: uml.1008.html]
Module Name : ws2_control_cart

Module Code	1008
Test Flag	No
Type	Plug in
Description	Shopping cart control program. Add/Delete/Modify items & checkout.
Usage Code	
Usage Setup	Use HTTP GET and POST to pass the variables: [1] componentname [2] componentid [3] kprice [4] kcomponentid
Error Codes	1008.0212 - Get/Post error 1008.0214 - Get error 1008.0216 - Post error
Public Functions	ws2_control_cart() - extends the HttpServlet int tag() - returns the module code init() - starts the code doGet(HttpServletRequest request, HttpServletResponse res) - Get data from the user using standard http get protocal doPost(HttpServletRequest request, HttpServletResponse res) - Post data to the user using standard http post protocal main_app_get (HttpServletRequest request, HttpServletResponse response) - fuction to handle the get data from http main_app_post(HttpServletRequest request, HttpServletResponse response) - fuction to handle the post data from http
Global Variables	none
Version Changes	none
Notes	Called from an HTML file, expecting GET/POST data.

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UML Standard Module Template [ws2] [file: uml.1009.html]
Module Name : ws2_control_user

Module Code	1009
Test Flag	No
Type	Plug in
Description	Handles user login and control
Usage Code	
Usage Setup	Use HTTP GET and POST to pass the variables: [1] login [2] password [3] checkpassword [4] restmp [5] email [6] flag [7] variablenames [8] variablevalues [9] writeout
Error Codes	Error 1009.0214 : GET error Error 1009.0216 : POST error Error 1009.0212 : GET/POST error Error 1008.0212 : GET/POST error
Public Functions	int tag() - returns the module code init() - starts the code doGet(HttpServletRequest request, HttpServletResponse res) - Get data from the user using standard http get protocal doPost(HttpServletRequest request, HttpServletResponse res) - Post data to the user using standard http post protocal main_app_get (HttpServletRequest request, HttpServletResponse response) - fuction to handle the get data from http main_app_post(HttpServletRequest request, HttpServletResponse response) - fuction to handle the post data from http
Global Variables	None
Version Changes	
Notes	Requires register.htmp/l, newuser.htmp & user.htmp/l in secure_html directory (actually it is required that these files be access by the https protocol). Called from an HTML file, expecting GET/POST data.

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UML Standard Module Template [ws2] [file: uml.1010.html]
Module Name : ws2_control_order

Module Code	1010
Test Flag	No
Type	Plug in
Description	Handles interface to process order.
Usage Code	
Usage Setup	Control programs have no usage setup
Error Codes	1010.0214 - GET error 1010.0216 - POST error 1010.0212 - GET/POST error 1010.0212 - GET/POST error (e - needs a unique error code)
Public Functions	ws2_control_order() - how the program is called from other programs int tag() - int code doGet(HttpServletRequest request, HttpServletResponse res) - Get data from the user using standard http get protocal doPost(HttpServletRequest request, HttpServletResponse res) - Post data to the user using standard http post protocal main_app_get (HttpServletRequest request, HttpServletResponse response) - fuction to handle the get data from http main_app_post(HttpServletRequest request, HttpServletResponse response) - fuction to handle the post data from http displaycart(PrintWriter out) - generates the shopping cart, showing which items have been selected
Global Variables	
Version Changes	
Notes	Called from an HTML file, expecting GET/POST data.

UML Standard Module Template [ws2] [file: uml.1011.html]
Module Name : ws2_calculate_order

Module Code	1011
Test Flag	No
Type	Plug in
Description	Program to calculate the cost of the order
Usage Code	After importing all the java.xxx libraries : then insert : import javaxservlet.*; import javax.servlet.http.*; import ws2_io_r; read from databases import ws2_ups; UPS API program import ws_globaltrack; allows us to follow the user around our system After public class newclass extends xyz { public newclass() { init(); } Finally call it as : ws2_calculate_order.functioname(); in the main program.
Usage Setup	[1] Set all varibles to default values. [2] Ord.stage1 [3] Ord.stage2 [4] Ord.stage3 [5] Ord.curtotal [6] Ord.fintotal
Error Codes	1011:0212 - Stage 1 error 1011:0214 - Stage 2 error 1011:0216 - Stage 3 error 1011:0218 - Tax man error 1011:0220 - UPS error - not a good thing
Public Functions	ws2_calculate_order() - calculate the cost of the items purchased and shipping int tag() - error return code function init() - begin of the program stage1() - A HTTP request to the servlet program, and response stage2() - email, zip code, state stage3() - calculate the total cost without the tax or shipping fintotalx() - calculate the tax and add in the shipping UPStotal() - shipping cost as returned by UPS
Global Variables	
Version Changes	
Notes	the variable UPS.set_product_code defaults to Ground if no other shipping choice has been made.

UML Standard Module Template [ws2] [file: uml.1012.html]
Module Name : ws2_control_connection

Module Code	1012
Test Flag	No
Type	Plug in
Description	Handles interface to terminate user connection after processing order.
Usage Code	
Usage Setup	Use HTTP GET and POST to pass the variables: [1] ORDER
Error Codes	1010.0214 - GET error - (e) 1010.0216 - POST error - (e) 1008.0212 - GET/POST error -(e)
Public Functions	ws2_control_connection() - how the code is called from other programs int tag() - returns the module code init() - starts the code doGet() - Get data from the user using standard http get protocal doPost() - Post data to the user using standard http post protocal main_app_get () - fuction to handle the get data from http
Global Variables	
Version Changes	
Notes	Called from an HTML file, expecting GET/POST data.

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UML Standard Module Template [ws2] [file: uml.1017.html]
Module Name : ws2_control_test

Module Code	1017
Test Flag	Yes
Type	Test
Description	Generic test cradle.
Usage Code	
Usage Setup	
Error Codes	Error 1017.0212 : GET/POST error Error 1017.0214 : GET error Error 1017.0216 : POST error
Public Functions	doGet(HttpServletRequest request, HttpServletResponse res) - Get data from the user using standard http get protocal doPost(HttpServletRequest request, HttpServletResponse res) - Post data to the user using standard http post protocal main_app(HttpServletRequest request, HttpServletResponse response) - fuction call by doGet and doPost which handles the get/post request
Global Variables	None
Version Changes	None
Notes	Test program

UML Standard Module Template [ws2] [file: uml.1018.html]
Module Name : ws2_control_po

Module Code	1018
Test Flag	No
Type	Plug in
Description	Pricing and PO control program
Usage Code	
Usage Setup	Control programs have no usega setup
Error Codes	Error 1018.0212 - GET/POST error Error 1009.0214 - GET error (e - wrong error module code number) Error 1009.0216 - POST error (e - wrong error module code number)
Public Functions	int tag() - returns the module code init() - starts the code doGet(HttpServletRequest request, HttpServletResponse res) doPost(HttpServletRequest request, HttpServletResponse res) main_app_get(HttpServletRequest request, HttpServletResponse response) main_app_post(HttpServletRequest request, HttpServletResponse response)
Global Variables	Get: [1] name [2] password [3] flag [4] WS2_CUSTOMERS_EMAIL [5] WS2_CUSTOMERS_PWD Post: [1] login [2] po_no [3] name [4] flag [5] chargetotal
Version Changes	None
Notes	Requires ws2_po.htmp/l & user.html & ws2_deduct_po.htmp in secure_html directory. Called from an HTML file, expecting GET/POST data.